



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/527,351

03/09/2005

Yusuke Suzuki

S1459.70065US00

4788

23628 7590 07/06/2009
WOLF GREENFIELD & SACKS, P.C.
600 ATLANTIC AVENUE
BOSTON, MA 02210-2206

EXAMINER

WONG, EDNA

ART UNIT

PAPER NUMBER

1795

MAIL DATE

DELIVERY MODE

07/06/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

ADVISORY ACTION

Response to Amendment

This is in response to the Amendment After Final dated June 18, 2009. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office Action.

Response to Arguments

Claim Objections

Claim **14** has been objected to because of minor informalities.

The objection of claim 14 has been withdrawn in view of Applicants' amendment.

Claim Rejections - 35 USC § 112

Claims **1-4 and 6-17** have been rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

The rejection of claims 1-4 and 6-17 under 35 U.S.C. 112, first paragraph, has been withdrawn in view of Applicants' amendment.

Claim Rejections - 35 USC § 103

I. Claims **1-4, 14 and 17** have been rejected under 35 U.S.C. 103(a) as being unpatentable over **Fujimori et al.** (US Patent No. 6,683,244 B2).

The rejection of claims 1-4, 14 and 17 under 35 U.S.C. 103(a) as being unpatentable over Fujimori et al. is as applied in the Office Actions dated November 7, 2008 and February 23, 2009 and incorporated herein.

II. Claims **6, 10 and 12** have been rejected under 35 U.S.C. 103(a) as being unpatentable over **Fujimori et al.** (US Patent No. 6,683,244 B2) as applied to claims 1-4, 14 and 17 above, and further in view of **JP 10-92477** ('477).

The rejection of claims 6, 10 and 12 under 35 U.S.C. 103(a) as being unpatentable over Fujimori et al. as applied to claims 1-4, 14 and 17 above, and further in view of JP 10-92477 ('477) is as applied in the Office Actions dated November 7, 2008 and February 23, 2009 and incorporated herein.

III. Claims **8-9 and 16** have been rejected under 35 U.S.C. 103(a) as being unpatentable over **Fujimori et al.** (US Patent No. 6,683,244 B2) as applied to claims 1-4, 14 and 17 above, and further in view of **JP 8-51224** ('224).

The rejection of claims 8-9 and 16 under 35 U.S.C. 103(a) as being unpatentable over Fujimori et al. as applied to claims 1-4, 14 and 17 above, and further in view of JP 8-51224 ('224) is as applied in the Office Actions dated November 7, 2008 and

February 23, 2009 and incorporated herein.

IV. Claim **11** has been rejected under 35 U.S.C. 103(a) as being unpatentable over **Fujimori et al.** (US Patent No. 6,683,244 B2) as applied to claims 1-4, 14 and 17 above, and further in view of **Arao et al.** (US Patent No. 5,244,509).

The rejection of claim 11 under 35 U.S.C. 103(a) as being unpatentable over Fujimori et al. as applied to claims 1-4, 14 and 17 above, and further in view of Arao et al. is as applied in the Office Actions dated November 7, 2008 and February 23, 2009 and incorporated herein.

V. Claim **13** has been rejected under 35 U.S.C. 103(a) as being unpatentable over **Fujimori et al.** (US Patent No. 6,683,244 B2) as applied to claims 1-4, 14 and 17 above, and further in view of **Yamada et al.** (US Patent No. 6,566,162 B2).

The rejection of claim 13 under 35 U.S.C. 103(a) as being unpatentable over Fujimori et al. as applied to claims 1-4, 14 and 17 above, and further in view of Yamada et al. is as applied in the Office Actions dated November 7, 2008 and February 23, 2009 and incorporated herein.

VI. Claim **15** has been rejected under 35 U.S.C. 103(a) as being unpatentable over **Fujimori et al.** (US Patent No. 6,683,244 B2) as applied to claims 1-4, 14 and 17 above, and further in view of **Eisenbeiser et al.** (US Patent Application Publication No.

2003/0015700 A1) and **Arao et al.** (US Patent No. 5,244,509).

The rejection of claim 15 under 35 U.S.C. 103(a) as being unpatentable over Fujimori et al. as applied to claims 1-4, 14 and 17 above, and further in view of Eisenbeiser et al. and Arao et al. is as applied in the Office Actions dated November 7, 2008 and February 23, 2009 and incorporated herein.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDNA WONG whose telephone number is (571) 272-1349. The examiner can normally be reached on Mon-Fri 7:30 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nam Nguyen can be reached on (571) 272-1342. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 10/527,351
Art Unit: 1795

Page 6

/Edna Wong/
Primary Examiner
Art Unit 1795

EW
July 3, 2009